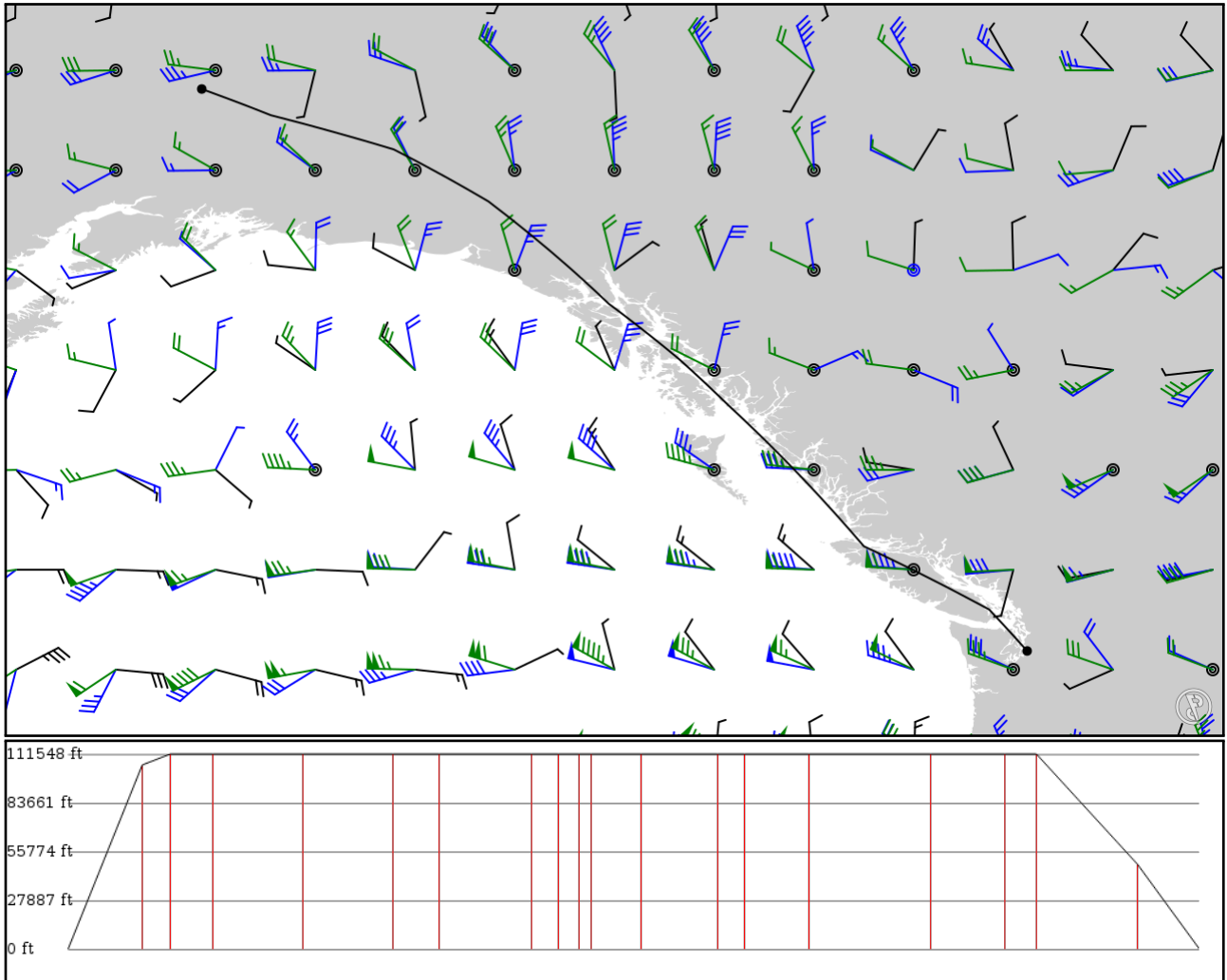


2024/05/29 1918Z

KSEA YYJ **J502** ORT **T232** BIG PAFA

1349.51 nm / 2499.29 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 34000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KSEA	-	47.45019	0 ft	-	Seattle Tacoma Intl
APT	-	-122.31232	0 m		
YYJ	-	48.72703	32,100 ft	89	VICTORIA VOR-DME
VOR	-	-123.48436	9,784 m		
ARRUE	J502	49.07283	34,000 ft	32	-
FIX	AWY-HI	-124.12986	10,363 m		
ROYST	J502	49.59083	34,000 ft	49	-
FIX	AWY-HI	-125.12722	10,363 m		
YZT	J502	50.68425	34,000 ft	108	PORT HARDY VOR-DME
VOR	AWY-HI	-127.36519	10,363 m		
PRYCE	J502	52.23825	34,000 ft	106	-
FIX	AWY-HI	-128.74972	10,363 m		
DUGGS	J502	53.03480	34,000 ft	55	-
FIX	AWY-HI	-129.50333	10,363 m		
HANRY	J502	54.60639	34,000 ft	109	-
FIX	AWY-HI	-131.09333	10,363 m		
ANN	J502	55.06042	34,000 ft	32	ANNETTE ISLAND VOR-DME
VOR	AWY-HI	-131.57839	10,363 m		
GESTI	J502	55.43263	34,000 ft	25	-
FIX	AWY-HI	-131.96400	10,363 m		
DOOZI	J502	55.63254	34,000 ft	13	-
FIX	AWY-HI	-132.17465	10,363 m		
LVD	J502	56.46771	34,000 ft	58	LEVEL ISLAND VOR-DME
DME	AWY-HI	-133.08311	10,363 m		
HOODS	J502	57.74293	34,000 ft	92	-
FIX	AWY-HI	-134.68157	10,363 m		
SSR	J502	58.17766	34,000 ft	31	SISTERS ISLAND VORTAC
DME	AWY-HI	-135.25886	10,363 m		
SSR77	J502	59.29251	34,000 ft	76	-
FIX	AWY-HI	-136.47287	10,363 m		
DB	J502	61.34028	34,000 ft	143	BURWASH NDB
NDB	AWY-HI	-138.98333	10,363 m		
AYZOL	J502	62.47115	34,000 ft	88	-
FIX	AWY-HI	-141.00000	10,363 m		
ORT	J502	62.94717	34,000 ft	38	NORTHWAY VORTAC
VOR	AWY-HI	-141.91275	10,363 m		
BIG	T232	64.00438	14,800 ft	120	BIG DELTA VORTAC
DME	AWY-LO	-145.71716	4,511 m		
PAFA	-	64.81391	0 ft	73	FAIRBANKS INTL
APT	-	-147.85539	0 m		

KSEA

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 3

Elevation: 432 ft / 132 m
Location: 47.450200 -122.312000
Magnetic Var: 14.767 E

METAR

KSEA 291853Z 21012G25KT 10SM SCT027 BKN070 BKN090 BKN200 14/07 A3028 RMK AO2 SLP260 SHRA NW-N T01440067

TAF

KSEA 291848Z 2919/3024 24015G23KT P6SM VCSH SCT015 BKN070 BKN090 FM292100 31010KT P6SM VCSH SCT035 BKN050 FM300200

Frequencies

REC - 118.00 MHz - SEATTLE ATIS	CLD - 128.00 MHz - SEATTLE CLEARANCE
GND - 121.70 MHz - SEATTLE GROUND	TWR - 119.90 MHz - SEATTLE TOWER
TWR - 120.95 MHz - SEATTLE TOWER	APP - 133.65 MHz - SEATTLE APPROACH
DEP - 120.10 MHz - SEATTLE DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16L	151 ft	11,904 ft	180.35	CONCRETE	0 ft	400 ft
	46 m	3,628 m	165.58		0 m	122 m
34R	151 ft	11,904 ft	0.35	CONCRETE	0 ft	400 ft
	46 m	3,628 m	345.58		0 m	122 m
16C	151 ft	9,428 ft	180.34	CONCRETE	0 ft	400 ft
	46 m	2,874 m	165.58		0 m	122 m
34C	151 ft	9,428 ft	0.34	CONCRETE	0 ft	397 ft
	46 m	2,874 m	345.58		0 m	121 m
16R	151 ft	8,502 ft	180.34	CONCRETE	0 ft	200 ft
	46 m	2,591 m	165.57		0 m	61 m
34L	151 ft	8,502 ft	0.34	CONCRETE	0 ft	197 ft
	46 m	2,591 m	345.57		0 m	60 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16C	DME	ISZI	111.70 MHz	18 nm	-	-	470 ft
				33 km	-		470 m
16L	DME	ISNQ	110.30 MHz	18 nm	-	-	369 ft
				33 km	-		369 m
16R	DME	ICJL	110.75 MHz	18 nm	-	-	410 ft
				33 km	-		410 m
34C	DME	ITUC	111.70 MHz	18 nm	-	-	470 ft
				33 km	-		470 m
34L	DME	IBEJ	110.75 MHz	18 nm	-	-	410 ft
				33 km	-		410 m
34R	DME	ISEA	110.30 MHz	18 nm	-	-	469 ft
				33 km	-		469 m
16C	LOC-ILS	ISZI	111.70 MHz	18 nm	180.34	-	355 ft
				33 km	165.57		355 m
16L	LOC-ILS	ISNQ	110.30 MHz	18 nm	180.34	-	338 ft
				33 km	165.58		338 m
16R	LOC-ILS	ICJL	110.75 MHz	18 nm	180.34	-	410 ft
				33 km	165.57		410 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34C	LOC-ILS	ITUC	111.70 MHz	18 nm	0.34	-	422 ft
				33 km	345.57		422 m
34L	LOC-ILS	IBEJ	110.75 MHz	18 nm	0.34	-	433 ft
				33 km	345.57		433 m
34R	LOC-ILS	ISEA	110.30 MHz	18 nm	0.34	-	428 ft
				33 km	345.58		428 m
16C	GS	ISZI	111.70 MHz	10 nm	180.67	3.00	418 ft
				19 km	165.91		418 m
16L	GS	ISNQ	110.30 MHz	10 nm	180.69	3.00	425 ft
				19 km	165.92		425 m
16R	GS	ICJL	110.75 MHz	10 nm	180.67	3.00	410 ft
				19 km	165.91		410 m
34C	GS	ITUC	111.70 MHz	10 nm	0.67	3.00	367 ft
				19 km	345.91		367 m
34L	GS	IBEJ	110.75 MHz	10 nm	0.67	3.00	360 ft
				19 km	345.91		360 m
34R	GS	ISEA	110.30 MHz	10 nm	0.69	2.75	355 ft
				19 km	345.92		355 m

PAFA

Region: USA (ALASKA)
Timezone: AMERICA/ANCHORAGE
Runways: 3

Elevation: 438 ft / 134 m
Location: 64.813900 -147.855000
Magnetic Var: 14.795 E

METAR

PAFA 291853Z 08007KT 10SM FEW060 SCT100 BKN200 18/05 A2985

TAF

TAF PAFA 291720Z 2918/3024 VRB04KT P6SM SCT070 BKN200 FM300000 04007KT P6SM VCTS BKN060CB BKN080 TEMPO 3002/3005 0

Frequencies

REC - 124.40 MHz - ATIS
TWR - 118.30 MHz - FAIRBANKS TOWER
APP - 127.10 MHz - FAIRBANKS APPROACH
DEP - 127.10 MHz - FAIRBANKS DEPARTURE

GND - 121.90 MHz - FAIRBANKS GROUND
APP - 125.35 MHz - FAIRBANKS APPROACH
DEP - 125.35 MHz - FAIRBANKS DEPARTURE
CLD - 127.60 MHz - CLEARANCE DELIVERY

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02	75 ft	2,903 ft	38.08	GRAVEL	0 ft	0 ft
	23 m	885 m	23.29		0 m	0 m
20	75 ft	2,903 ft	218.09	GRAVEL	0 ft	0 ft
	23 m	885 m	203.30		0 m	0 m
02R	98 ft	6,509 ft	38.04	ASPHALT	0 ft	0 ft
	30 m	1,984 m	23.24		0 m	0 m
20L	98 ft	6,509 ft	218.06	ASPHALT	0 ft	0 ft
	30 m	1,984 m	203.26		0 m	0 m
02L	151 ft	11,812 ft	38.04	ASPHALT	751 ft	377 ft
	46 m	3,600 m	23.25		229 m	115 m
20R	151 ft	11,812 ft	218.08	ASPHALT	751 ft	374 ft
	46 m	3,600 m	203.29		229 m	114 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02L	LOC-ILS	ICNA	109.10 MHz	18 nm	38.07	-	438 ft
				33 km	23.27		438 m
20R	LOC-ILS	IFAI	110.30 MHz	18 nm	218.07	-	438 ft
				33 km	203.27		438 m
02L	GS	ICNA	109.10 MHz	10 nm	38.07	3.00	438 ft
				19 km	23.27		438 m
20R	GS	IFAI	110.30 MHz	10 nm	218.07	3.00	438 ft
				19 km	203.27		438 m